



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Douglas W. Arntson

Appln. No. : 10/685,167

Filed : October 14, 2003

For : TWO-WIRE FIELD MOUNTED
PROCESS DEVICE

Docket No.: R11.12-0804

Group Art Unit: 2121

Examiner:

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS BEING
SENT BY U.S. MAIL, FIRST CLASS, TO THE
COMMISSIONER FOR PATENTS, P.O. BOX 1450,
ALEXANDRIA, VA 22313-2450, THIS

29 DAY OF JAN 20 04

PATENT ATTORNEY

Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the non-U.S. patents or publications cited are enclosed.

TIME OF FILING

The information disclosure statement is being filed:

1. X with the application or within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. In accordance with 37 C.F.R. § 1.97(b), no statement or fee is required.
2. after the time period specified in paragraph 1 above, but before the mailing date of a final action under 37 C.F.R. § 1.113 or notice of allowance under 37 C.F.R. § 1.311. Therefore, in accordance with 37 C.F.R. § 1.97(c), submitted herewith is:

(check either A or B below)

- A. a statement as specified in 37 C.F.R. § 1.97(e).
- B. the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement

under 37 C.F.R. § 1.97(c).

3. _____ after the mailing date of either a final action under 37 C.F.R. § 1.113 or a notice of allowance under 37 C.F.R. § 1.311, whichever occurs first, but before payment of the issue fee. Therefore, Applicant petitions for consideration and submits herewith:
- A. a statement as specified in 37 C.F.R. § 1.97(e);
 - B. the petition fee set forth in 37 C.F.R. § 1.17(p).

STATEMENT

(only used if No. 2(A) or No. 3 above is checked)

The person(s) signing below certify

(check appropriate paragraph)

_____ that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(1).

OR

_____ that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(2).

METHOD OF PAYMENT

X No fee is required.

 Attached is a check in the amount of \$.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this communication is enclosed.

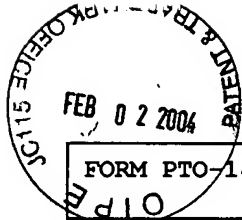
Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

By: 

Judson K. Champlin, Reg. No. 34,797
Suite 1600 - International Centre
900 Second Avenue South
Minneapolis, Minnesota 55402-3319.
Phone: (612) 334-3222
Fax: (612) 334-3312

JKC:lrs



FORM PTO-1449		Atty. Docket No.: R11.12-0804	Appl. No.: 10/685,167
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		First Named Inventor:	
		Douglas W. Arntson	
		Filing Date October 14, 2003	Group Art: 2121

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	4,122,719	10/1978	Carlson et al.	73	342	
AB	4,243,931	1/1981	Dela Cruz	323	302	
AC	4,413,314	11/1983	Slater et al.	364	188	
AD	4,678,937	7/1987	Price	307	311	
AE	4,910,658	3/1990	Dudash et al.	364	138	
AF	4,936,690	6/1990	Goetzinger	374	181	
AG	5,307,346	4/1994	Fieldhouse	370	85.1	
AH	5,495,769	3/1996	Broden et al.	73	718	
AI	5,551,053	8/1996	Nadolski et al.	395	829	
AJ	5,713,668	2/1998	Lunghofer et al.	374	179	
AK	5,737,543	4/1998	Gavin et al.	395	285	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
AL	297 20 492 U1	3/1998	Germany			X
AM	0 601 344 A1	5/1994	EPO			X
AN	2 329 039 A	3/1999	United Kingdom			X

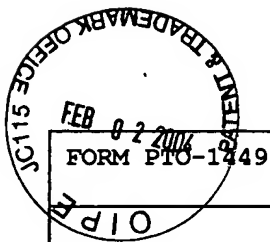
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AO	"Advanced Systems Simplify Control", <u>Machine Design</u> , Penton, Inc., Vol. 68, No. 12, pgs. 118, 120, July 11, 1996.
AP	"PLCs: Looking Around for More Work to Do", by M. Bab, <u>Control Engineering</u> , pgs. 59, 60 and 62, October 1996.
AQ	"D5000 Series Users Manual", 23 pages, Revised January 1, 1998.
AR	"Model 848T Eight Input Temperature Transmitter With FOUNDATION™ Fieldbus", Product Data Sheet 00813-0100-4697, March 2003.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.


Atty. Docket No.:
R11.12-0804

Appl. No.:
10/685,167

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION
DISCLOSURE STATEMENT

First Named Inventor:

Douglas W. Arntson

Filing Date

Group Art:

October 14, 2003

2121

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
BA	5,825,664	10/1998	Warrior et al.	364	550	
BB	5,876,122	3/1999	Eryurek	374	183	
BC	5,980,078	11/1999	Krivoshein et al.	364	131	
BD	6,014,612	1/2000	Larson et al.	702	183	
BE	6,016,523	1/2000	Zimmerman et al.	710	63	
BF	6,026,352	2/2000	Burns et al.	702	182	
BG	6,035,240	3/2000	Moorehead et al.	700	2	
BH	6,047,222	4/2000	Burns et al.	700	79	
BI	6,052,655	4/2000	Kobayashi et al.	702	184	
BJ	6,094,600	7/2000	Sharpe, Jr. et al.	700	19	
BK	6,104,875	8/2000	Gallagher et al.	395	712	
BL	6,192,281	2/2001	Brown et al.	700	2	
BM	6,574,515	6/2003	Kirkpatrick et al.	700	19	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
✓	BN 52-108194	9/1977	Japan			X

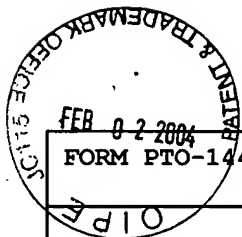
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

✓	BO	"ACE pc," Arcom Control Systems, 1 page dated 2/23/00, downloaded from http://www.arcom.co.uk/products/iep/systems/ace/default.htm .
✓ /	BP	"Smart Transmitter (HART Protocol) Interface Products," 1770 Communication Products, 2 pages dated 4/26/99, downloaded from http://www.ab.com/catalogs/html/b112/io/smart.html .
✓ /	BQ	"Smart Head and Rail Mount Temperature Transmitters," Models 644H and 644R, FISHER-ROSEMOUNT Managing the Process Better, pages 37-52 (1998).
	BR	"Smart Temperature Transmitter," Models 3144 and 3244MV, FISHER-ROSEMOUNT Managing the Process Better, pages 19-36 (1998).
	BR	"Transducer Interfacing Handbook," A Guide to Analog Signal Conditioning, by Daniel H. Sheingold, 5 pages (1980).

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449

Atty. Docket No.:
R11.12-0804Appl. No.:
10/685,167LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION
DISCLOSURE STATEMENT

First Named Inventor:

Douglas W. Arntson

Filing Date

Group Art:

October 14, 2003

2121

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
CA	2002/0010518	1/2002	Reid et al.	700	31	
CB						
CC						
CD						
CE						
CF						
CG						
CH						
CI						

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
CJ						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

✓ ✓	CK	Instruction Manual FD0-BI-Ex12.PA, German language document, and apparent English equivalent Part No.: 107591, 1/24/2001				
✓ ✓	CL	Universal temperature multiplexer for Foundation Fieldbus, Universal converter, analogue, F2D0-TI-Ex8.FF, 2003				
✓ ✓	CM	Valve Coupler for Foundation Fieldbus, Manual FD0-VC-Ex4.FF, November 22, 2000				
	CN	PROFIBUS-PA Valve Coupler Filed Box, 2002 IS Catalog, 2002				
	CO	PROFIBUS-PA Sensor Interface Field Box, 2002 IS Catalog, 2002				
✓ ✓	CP	EC-Type Examination Certificate for FD0-VC-Ex4.Pa dated 12-18-98 (German Language document and apparent English translation)				
✓ ✓	CQ	Supplement to EC-Type Examination Certificate for FD0-VC-Ex.Pa dated 9-18-00 (German Language document and apparent English translation)				
✓ ✓	CR	Supplement to EC-Type Examination Certificate for FD0-VC-Ex4.Pa dated 9-21-00 (German Language document and apparent English translation)				
✓ ✓	CS	1 st Amendment to EC-Type Examination Certificate for FD0-VC-Ex4.Pa dated 12-22-99 (German Language document and apparent English translation)				

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.